

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1-14 (Canceled).

Claim 15 (Currently amended): An optical disc playback apparatus that rotates an optical disc at a predetermined rotational speed, irradiates the optical disc with laser light, and performs a reproducing process based on laser light reflected from the optical disc, the optical disc playback apparatus comprising:

a jitter amount detector that detects a jitter amount based on a signal obtained from the reflected laser light;

an error rate detector that detects an error rate amount based on a signal obtained from the reflected laser light; and

a rotational speed adjustment circuit that,

prior to the reproducing process,

adjusts the rotational speed to a first speed if the jitter amount is above a first threshold value, and

adjusts the rotational speed to a second speed higher than the first speed if the jitter amount is not above the first threshold value based on the jitter amount prior to the reproducing process, and that,

during the reproducing process,

maintains the rotational speed at the first speed if the jitter amount prior to the reproducing process is above the first threshold value, and

adjusts the rotational speed based on the error rate amount if the jitter amount prior to the reproducing process is not above the first threshold value during the reproducing process, after having adjusted the rotation speed based on the jitter amount.

Claim 16-17 (Canceled)

Claim 18 (Currently amended): The optical disc playback apparatus of claim 15-17, wherein

during the reproducing process, the rotational speed adjustment circuit

adjusts the rotational speed to the first speed if the error rate amount is above a second threshold value, and

adjusts the rotational speed to the second speed if the error rate amount is not above the second threshold value.

Claim 19 (Previously presented): A microcomputer for use in an optical disc playback apparatus, the microcomputer comprising the rotational speed adjustment circuit of claim 15.

Claim 20 (Currently amended): A rotational speed control method for a optical disc playback apparatus that rotates an optical disc at a predetermined rotational speed, irradiates the optical disc with laser light, and performs a reproducing process based on laser light reflected from the optical disc, the rotational speed control method comprising:

detecting a jitter amount based on a signal obtained from the reflected laser light;

detecting an error rate amount based on a signal obtained from the reflected laser light; and
prior to the reproducing process,

adjusting the rotational speed to a first speed if the jitter amount is above a first threshold value, and

adjusting the rotational speed to a second speed higher than the first speed if the jitter amount is not higher than the first threshold value based on the jitter amount prior to the reproducing process; and

during the reproducing process,

maintaining the rotational speed at the first speed if the jitter amount prior to the reproducing process is above the first threshold value, and

adjusting the rotational speed based on the error rate amount if the jitter amount prior to the reproducing process is not above the first threshold value during the reproducing process, after having adjusted the rotational speed based on the jitter amount.

Claim 21-22 (Canceled)

Claim 23 (Currently amended): The rotational speed control method of claim 2024, wherein, during the reproducing process:

the rotational speed is adjusted to the first speed regardless of the error rate amount if the jitter amount prior to the reproducing process is above the first threshold value;

the rotational speed is adjusted to the first speed if the error rate amount is above a second threshold value and the jitter amount prior to the reproducing process is not above the first threshold value; and

the rotational speed is adjusted to the second speed if the error rate amount is not above the second threshold value and the jitter amount prior to the reproducing process is not above the first threshold value.